

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	**	MCHENRY	98	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND:

- ① EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, ± 8 1/2"
- ② EXISTING HMA SURFACE COURSE, ± 5 1/2"
- ③ EXISTING HMA SURFACE COURSE, ± 3"
- ④ EXISTING HMA SURFACE COURSE, ± 4"
- ⑤ EXISTING HMA SHOULDER
- ⑥ EXISTING AGGREGATE SHOULDER
- ⑦ EXISTING AGGREGATE SUBBASE,
- ⑧ EXISTING COMBINATION CONCRETE CURB AND GUTTER
- ⑨ PROP. HMA SURFACE REMOVAL, 2 1/2"
- ⑩ PROP. HMA SURFACE COURSE, MIX "D", N70 1 1/2"
- ⑪ PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"
- ⑫ PROP. HMA BASE COURSE WIDENING, 11" (3 LIFTS)
- ⑬ PROP. AGGREGATE SUBGRADE, 12" SPECIAL
- ⑭ PROP. HMA SHOULDER, 8"
- ⑮ PROP. AGGREGATE SHOULDER, TYPE B, 6"
- ⑯ PROP. COMBINATION CURB AND GUTTER, TYPE M-6.24
- ⑰ PROP. SUBBASE GRANULAR MATERIAL TYPE B, 6"
- ⑱ PROP. HMA SURFACE REMOVAL, 2 1/4"
- ⑲ PROP. AGGREGATE WEDGE SHOULDER, TYPE B
- ⑳ PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ㉑ PROP. HMA SURFACE REMOVAL, 1 1/2"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

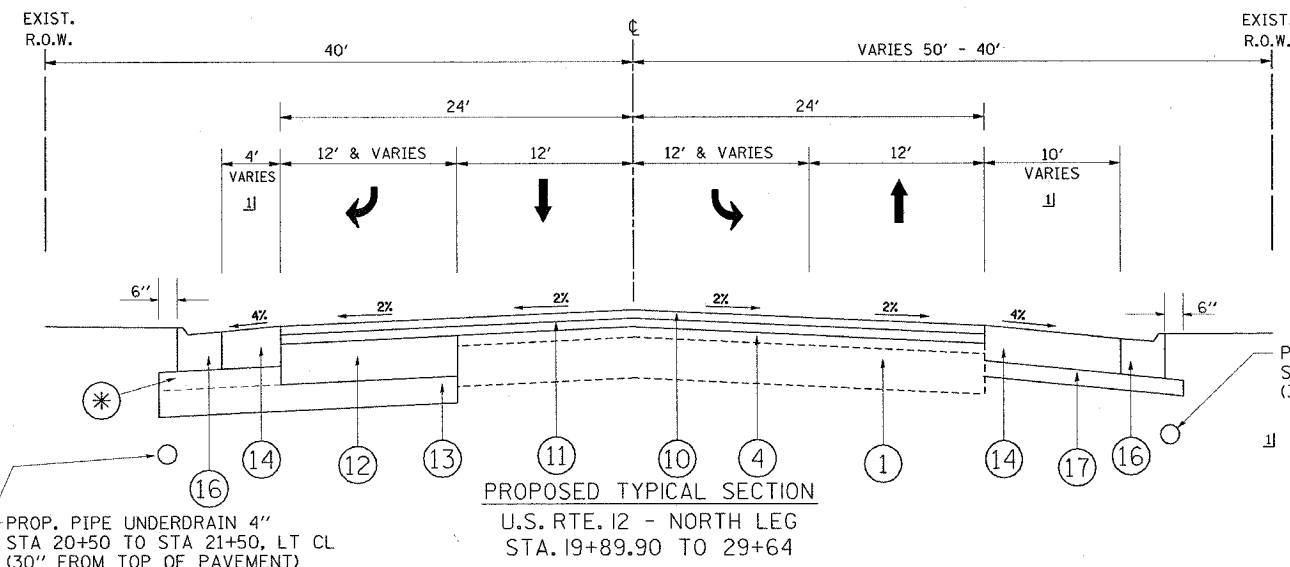
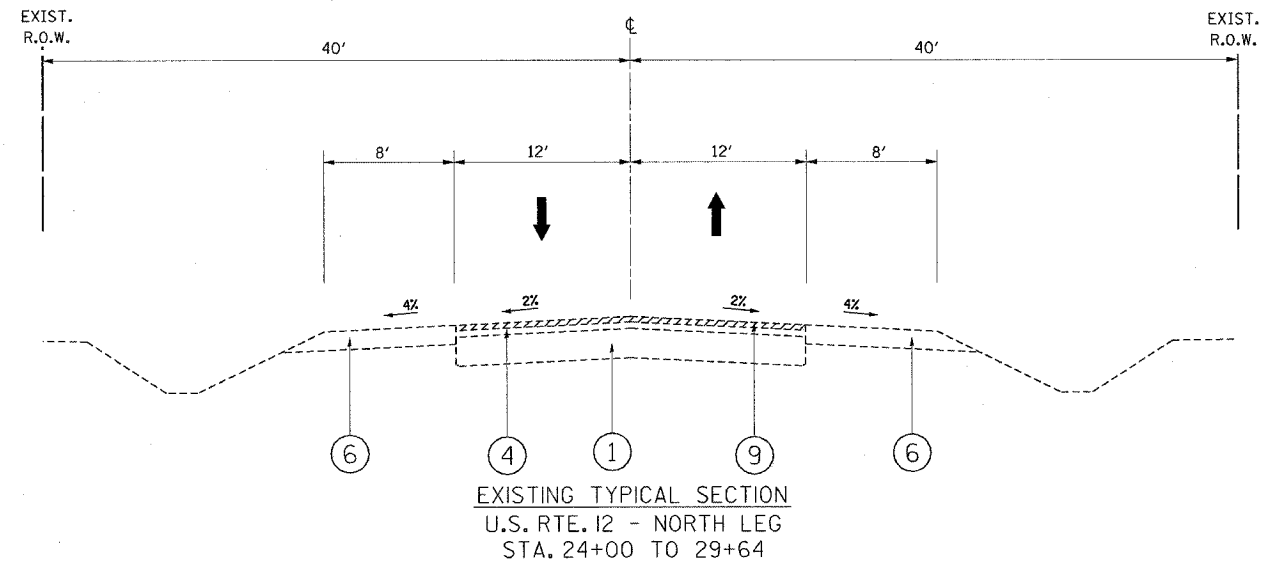
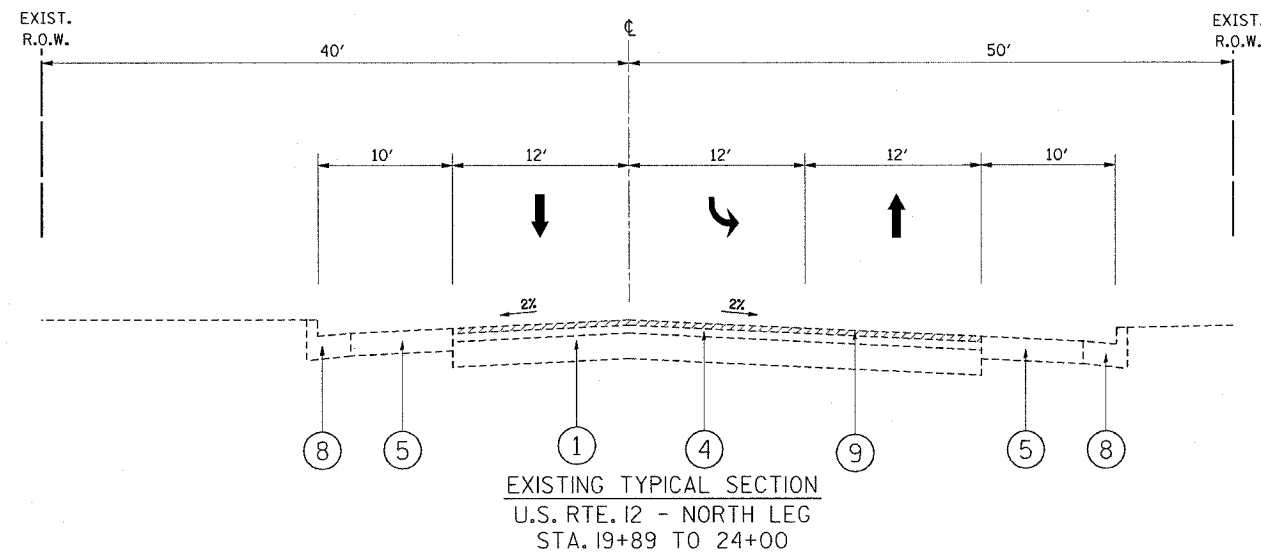
MIXTURE TYPE	AC TYPE	VOIDS
PAVEMENT WIDENING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2" (IL 9.5mm)	PG 64-22	4% @ 70 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 1" & 3/4"	SBS/SBR PG 76-28/-22	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE WIDENING, (HMA BINDER IL-19 mm), 11"	PG 64-22**	4% @ 70 GYR.
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2" (IL 9.5mm)	PG 64-22	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE, (6" & 8") (HMA BINDER IL-19mm) (PE & CE)	PG 64-22**	4% @ 50 GYR.
PATCHING		
CLASS D PATCHES, (HMA BINDER IL-19mm)	PG 64-22**	4% @ 70 GYR.
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES, (HMA BINDER IL-19 mm)	PG 64-22**	4% @ 70 GYR.
SHOULDER		
HOT-MIX ASPHALT SHOULDER, 8"	PG 64-22**	2% @ 30 GYR.

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SY/IN
 ** WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**EXISTING AND PROPOSED
 TYPICAL SECTION
 U.S. RTE. 12 - NORTH LEG
 STA. 19+89.90 TO STA. 29+64**

SCALE: VERT. HORIZ.
 DATE: DRAWN BY: CHECKED BY:



PROP. PIPE UNDERDRAIN 4"
 STA. 26+50 TO STA. 27+50, RT. CL
 (30" FROM TOP OF PAVEMENT)

⌋ USE 8' SHOULDER (5' PAVED, 3' STABILIZED AGGREGATE):
 STA. 27+16 TO STA. 29+64 RT.
 STA. 25+96 TO STA. 29+64 LT.

PROPOSED M-6.24 CURB AND GUTTER:
 STA. 19+89.90 TO STA. 27+16 RT.
 STA. 19+89.90 TO STA. 25+96 LT.

* ADDITIONAL THICKNESS OF AGGREGATE
 SUBGRADE SHALL BE INCIDENTAL TO
 AGGREGATE SUBGRADE 12" SPECIAL

DATE = 5/16/2007
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = mjd/je